European **River Restoration** Conference Featuring the IRF Riverprize **Connecting River Restoration Thinking to Innovative River Management** 6th Edition | 27-29 October 2014 | Vienna Integrated with the final event of the SEE River project



RESTORING **HYDRO MORPHOLOGICAL** PROCESSES

AGGREGATES EXPLOITATION IN MATI RIVER, **A HUMAN PRESSURE WITH CONSEQUENCES** ON THE BED'S MORPHOLOGY, ASSESSMENT OF CHANGES.

Adrian Dhimitri¹, Raimonda Londo¹, Vladimir Kola¹ ¹Geological Survey of Albania, Department of Hydrogeology, dhimitriadrian@yahoo.com









IMPACTS ... IMPACTS ... IMPACTS ... IMPACTS ...

- Riverbed lowering due to the vertical erosion; • Soil erosion;
- Decrease of the underground water level of Fushe Kuqe basin;
- Endangering of civil and \or industrial engineering constructions;
- Unavailable irrigation system;
- Loss of biodiversity;
- Floodings;
- Landslide in the river banks:
- Aesthetic pollution;
- Degradation of the flow channel structure;
- Negative impact on the coast line;



Views from Zogu Bridge section



Irrigation infrastructure on Mati river out of work

IMPACTS